

Tru64 UNIX Enterprise Directory Version 5.4 ECO 1

and

Administrator for Enterprise Directory Version 2.2

Read Before Installing

HP Tru64 UNIX Enterprise Directory V5.4 ECO 1 is an upgrade of HP Tru64 UNIX Enterprise Directory V5.4.

Read the Release Notes before installing this kit.

Prerequisite Software

Before you install the Tru64 UNIX Enterprise Directory V5.4 ECO 1, ensure that you have the following installed and working:

- Tru64 UNIX™ V5.1A or later.
- Optionally,
 1. For LDAPv3 over SSL, OpenSSL 0.9.6g for Tru64 UNIX 5.1 A or higher, or later.
 2. DECnet™-Plus V5.1A for Tru64 UNIX, or later. (This is required if you intend to run X.500 protocols over an OSI network.)

Upgrading from a Previous Version of the Directory

On Tru64 UNIX, Version 3.0 and later of the Directory, the DSA uses memory image files instead of snapshot files. Memory image files are specific to the version of the kit. This applies to all versions (SSB, ECO kits, and FT kits). Therefore, your current memory image files cannot be used by this kit. To use your existing database with this kit, create a snapshot file of your database before you upgrade.

To create a snapshot file, disable and delete the DSA using the following NCL commands:

```
ncl> disable dsa
```

```
ncl> delete dsa to snapshot
```

After installing this release, use the following NCL commands to recreate the DSA:

```
ncl> create dsa from snapshot
```

```
ncl> enable dsa
```

When the DSA has been recreated and enabled successfully, you can delete the snapshot file from the DSA system as follows:

```
# rm /var/dxd/DSA-information-tree.snapshot*
```

The DSA does not need this file any longer, so you can save disk space by deleting it. Do not delete any of the other database files.

The upgrade renames each network template file in the sub-directory */var/dxd/scripts* by appending *.sav n* to the file name. For example, *create_inbound_clns_template.ncl* becomes *create_inbound_clns_template.ncl.sav1*.

If any of the schema files from a previous installation have been edited, the upgrade saves all schema files to a subdirectory called */var/dxd/sav n* where *n* is a number. The schema data file *dxd_schema.dat* is also saved to that directory.

New Functions in this Release

Table 1: Enterprise Directory V5.4 ECO 1

This ECO release contains the following new fixes:

New LDAP Listener restart logic for socket errors on the ldap listening socket.

Fix for internal synchronization for freeing the acb context block.

Fix for double free of acb context block on ldap timeout.

Enhanced memory tracing options.

Changes to DSA startup scripts to provide better control for management via CAA.

Moreover:

The Enterprise Directory can be used in a pure TCP/IP environment, so that DECnet-Plus is optional.

The Directory can be fully managed through the management GUI.

There is an emulator, which can be used in place of NCL to issue management commands to the DSA (including the execution of scripts previously executed by the NCL *do* command).

Table 2: Administrator for Enterprise Directory V2.2

The GUI is capable of standalone control of the Enterprise Directory, using point-and-click menus and dialog boxes.

The GUI can negotiate the use of an SSL port for communications with the directory, with or without a trusted certificate.

See the Release Notes for details.

Configuration Tutorials

Chapter 2 and Chapter 3 of *Tru64 UNIX Enterprise Directory — Management* provide configuration tutorials. If you are installing Enterprise Directory products for the first time, you might find the tutorials a useful introduction to managing the product.

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